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(54) **Method and equipment for supporting a roll mantle in the direction**

(57) The invention concerns a method for supporting the roll mantle of a roll for a paper machine or equivalent in the lateral direction, in particular in the direction transverse to the principal loading direction, such as the nip plane (NP). In the method, the roll mantle (12) is supported on a stationary roll axle (11) revolvingly and as displaceable in relation to the axle (11) substantially in the principal loading direction. According to the invention, the roll mantle (12) is supported on the roll axle

(11) radially by means of glide bearing elements (15, 15a) acting in opposite directions in the lateral direction so that, when the roll mantle (12) is displaced in the principal loading direction (NP), the movement of the roll mantle (12) is guided to take place along a desired curve. The invention also concerns an equipment for supporting the roll mantle.

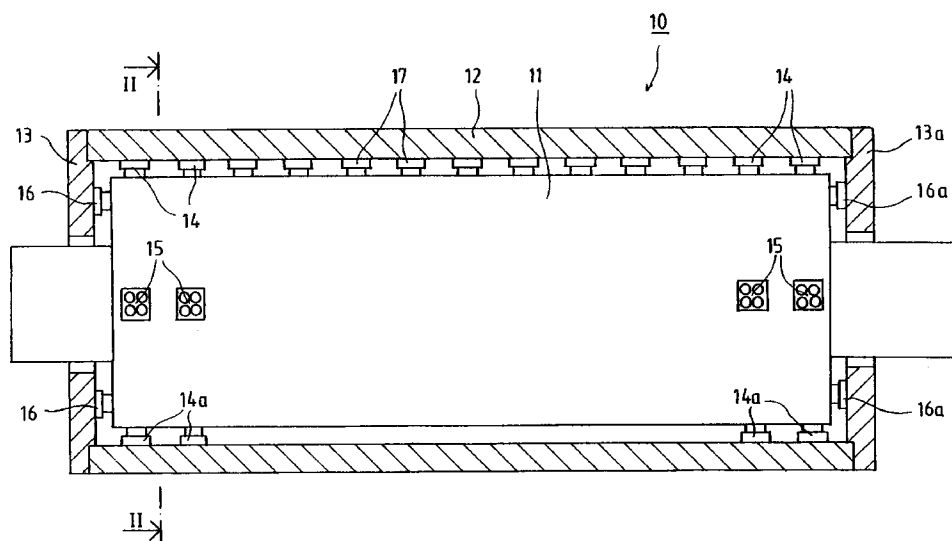


FIG. 1

EP 0 705 938 A3



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EUROPEAN SEARCH REPORT

Application Number
EP 95 11 3911

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
D,X	US-A-5 111 563 (BROWN DALE A ET AL) 12 May 1992 * claims 1,2; figures 1,3,4 *	1,2,4-6	D21G1/02 F16C13/00
D,X	US-A-5 060 357 (ROERIG ARNOLD J ET AL) 29 October 1991 * column 2, line 26 - column 2, line 37; claim 1; figures 3,4 *	1,2,5,6	
A	FR-A-1 562 009 (SPETSIALNOE KONSTRUKTORSKOE BJURO) 4 April 1969 * figure 1 *	3	
			TECHNICAL FIELDS SEARCHED (Int.Cl.6) D21G F16C B21B B30B D21F
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 16 January 1997	Examiner Guisan, T
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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